

NORTHWESTERN UNIVERSITY RYAN FIELD REDEVELOPMENT PLANNED DEVELOPMENT APPLICATION

08.11.2023

HNTB

+

Perkins&Will

+

site landscape
architecture
urban design

+

SMITHGROUP

Planned Development Updates - June 23rd to Aug 11th

Drawing Number	Update
TOC	No Change
DP-01	No Change
DP-02	Plaza designs updated; north ramp removed
DP-03	Plaza designs updated; north ramp removed
DP-04	Site updated
DP-05	Doors updated at East elevation - Big 10 patio
DP-06	No Change
DP-07	No Change
DP-08	Plaza designs updated
DP-09	Doors updated at East elevation - Big 10 patio
DP-10	No Change
DP-11	No Change
DP-12	Site Lights added; Entry gates updated; Plaza design updated
DP-13	Site Lights added; Entry gates updated; Plaza design updated
DP-14	Site Lights added; Entry gates updated; Plaza design updated
DP-15	Site Lights added; Entry gates updated; Plaza design updated
DP-16	Site Lights added; Entry gates updated; Plaza design updated
DP-17	Site Lights added; Entry gates updated; Plaza design updated
DP-18	Parking lot lights added
DP-19	Parking lot lights added
DP-20	Site Lights added; Entry gates updated; Plaza design updated
DP-21	Site Lights added; Entry gates updated; Plaza design updated
DP-22	Site Lights added; Entry gates updated; Plaza design updated
DP-23	Parking lot lights added
DP-24	Parking lot lights added
DP-25	Parking lot lights added
DP-26	Parking lot lights added
DP-27	Parking lot lights added
DP-28	No Change
DP-29	Site Lights added; Entry gates updated; Plaza design updated
DP-30	No Change
DP-31	Site Lights added; Entry gates updated; Plaza design updated
DP-32	No Change
DP-33	Design updated
DP-34	Design updated
DP-35	Design updated
DP-36	Design updated
DP-37	Design updated
DP-38	Design updated
DP-39	Design updated
DP-40	Design updated
DP-41	Design updated
DP-42	Design updated
DP-43	Design updated

DP-44	Design updated
DP-45	Design updated
DP-46	Plaza designs updated
DP-47	No Change
DP-48	No Change
DP-49	No Change
DP-50	No Change
DP-51	No Change
DP-52	North Ramp removed
DP-53	No Change
DP-54	No Change
DP-55	No Change
DP-56	No Change
DP-57	No Change
DP-58	Truck layout simplified in 3 diagrams(DP-58-A, B, C); North Ramp removed
DP-59	Plaza designs updated; north ramp removed
DP-60	Plaza designs updated; north ramp removed
DP-61	Plaza designs updated; north ramp removed
DP-62	Plaza designs updated; north ramp removed
DP-63	Plaza designs updated; north ramp removed
DP-64	No Change
LP-01	No Change
LP-02	Plaza designs updated
LP-03	Plaza designs updated
LP-04	No Change
LP-05	Plaza designs updated
LP-06	Plaza designs updated
LP-07	Plaza designs updated
LP-08	Plaza designs updated
LP-09	No Change
LP-10	Plaza designs updated
LP-11	Plaza designs updated
LP-12	No Change
LP-13	Plaza designs updated
LP-14	Plaza designs updated
LP-15	Plaza designs updated
LP-16	Plaza designs updated
LP-17	No Change
LP-18	No Change
LP-19	No Change
LP-20	No Change
LP-21	No Change
LP-22	No Change
LP-23	No Change
LP-24	No Change
LP-25	No Change
LP-26	No Change
LP-27	No Change
LP-28	Plaza designs updated
LP-29	No Change
LP-30	Plaza designs updated
LP-31	Plaza designs updated
LP-32	Plaza designs updated
LP-33	Plaza designs updated
LP-34	Plaza designs updated/Lighting layout updated
LP-35	No Change
LP-36	No Change
LP-37	No Change
LP-38	Plaza designs updated

PAGES

DP-01	DEVELOPMENT PLAN
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GENERAL NOTE: ALL DRAWINGS ARE DEVELOPED TO A SCHEMATIC LEVEL FOR REVIEW ONLY. NOT FOR CONSTRUCTION.





DEVELOPMENT PLAN

SITE PLAN

SECTIONS

ELEVATIONS

MATERIAL PALETTE

BIRD FRIENDLY BUILDING DESIGN

RENDERINGS

PHOTOGRAPHS OF SURROUNDING AREA

SITE SIGNAGE

SITE STRUCTURES

AREA PLANS

LOADING DOCK PLANS

EMERGENCY VEHICLE ACCESS

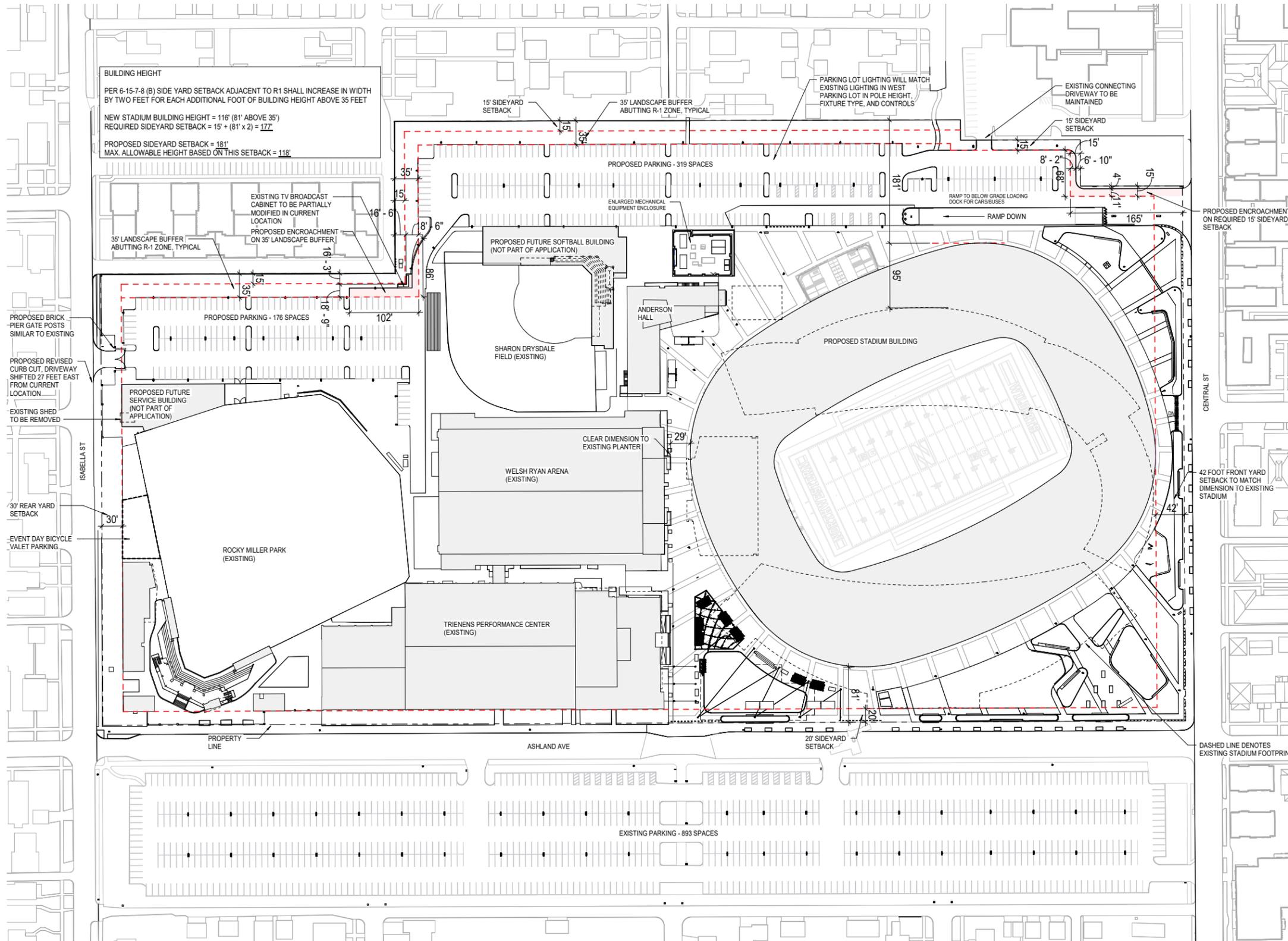
TRAFFIC CIRCULATION DIAGRAMS

UTILITY PLANS

DRAINAGE PLAN

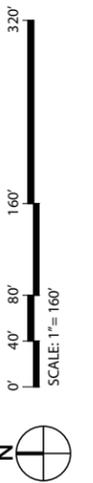
TOPOGRAPHY PLAN

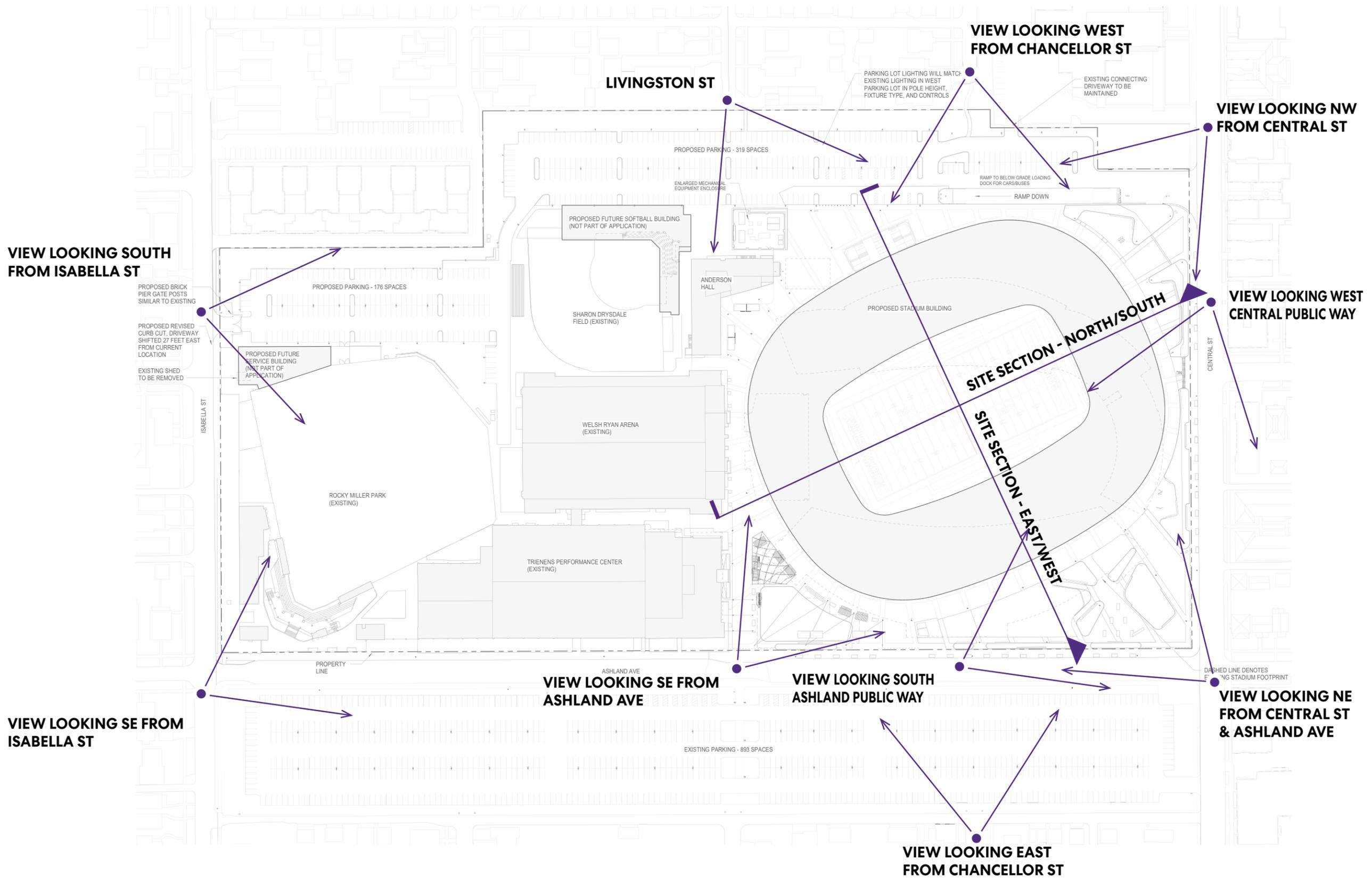
SOIL & SUBSURFACE CONDITIONS



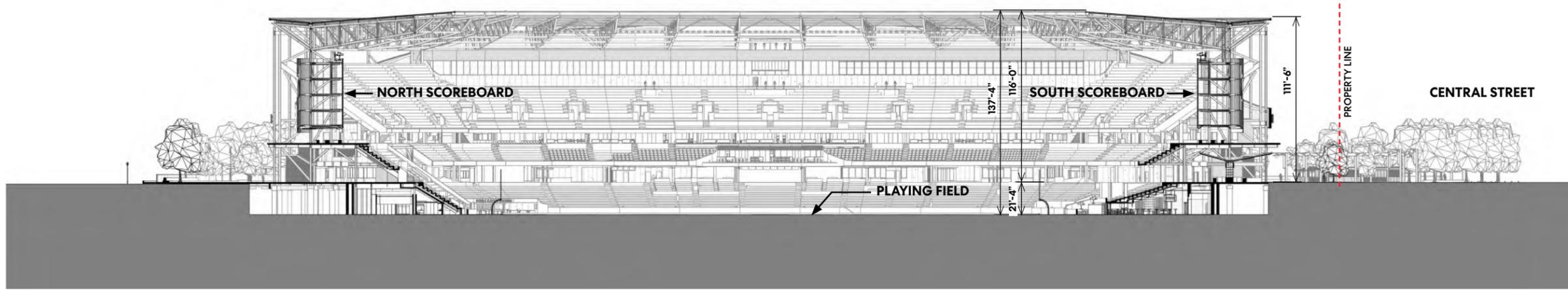
**NORTHWESTERN UNIVERSITY
 RYAN FIELD REDEVELOPMENT
 PLANNED DEVELOPMENT APPLICATION**

SITE PLAN

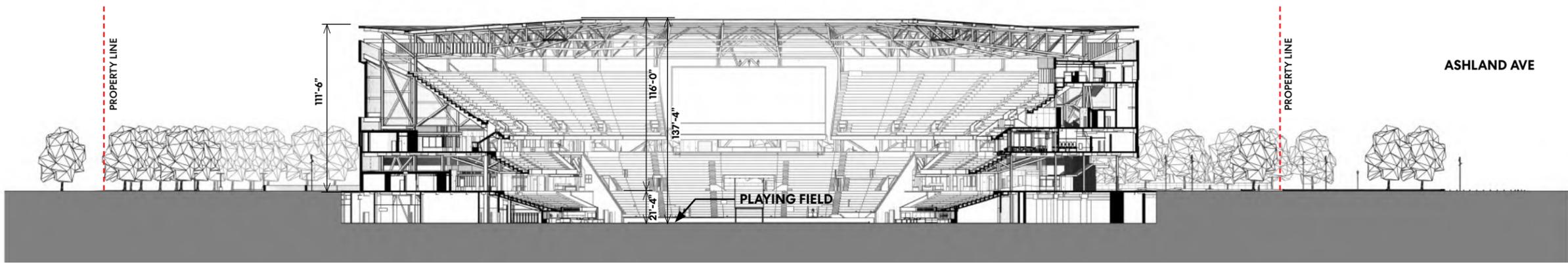




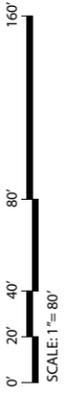
BUILDING HEIGHT
 PER 6-15-7-8 (B) SIDE YARD SETBACK ADJACENT TO R1 SHALL INCREASE IN WIDTH BY TWO FEET FOR EACH ADDITIONAL FOOT OF BUILDING HEIGHT ABOVE 35 FEET
 NEW STADIUM BUILDING HEIGHT = 116' (81' ABOVE 35')
 REQUIRED SIDEYARD SETBACK = 15' + (81' x 2) = 177'
 PROPOSED SIDEYARD SETBACK = 181'
 MAX. ALLOWABLE HEIGHT BASED ON THIS SETBACK = 118'

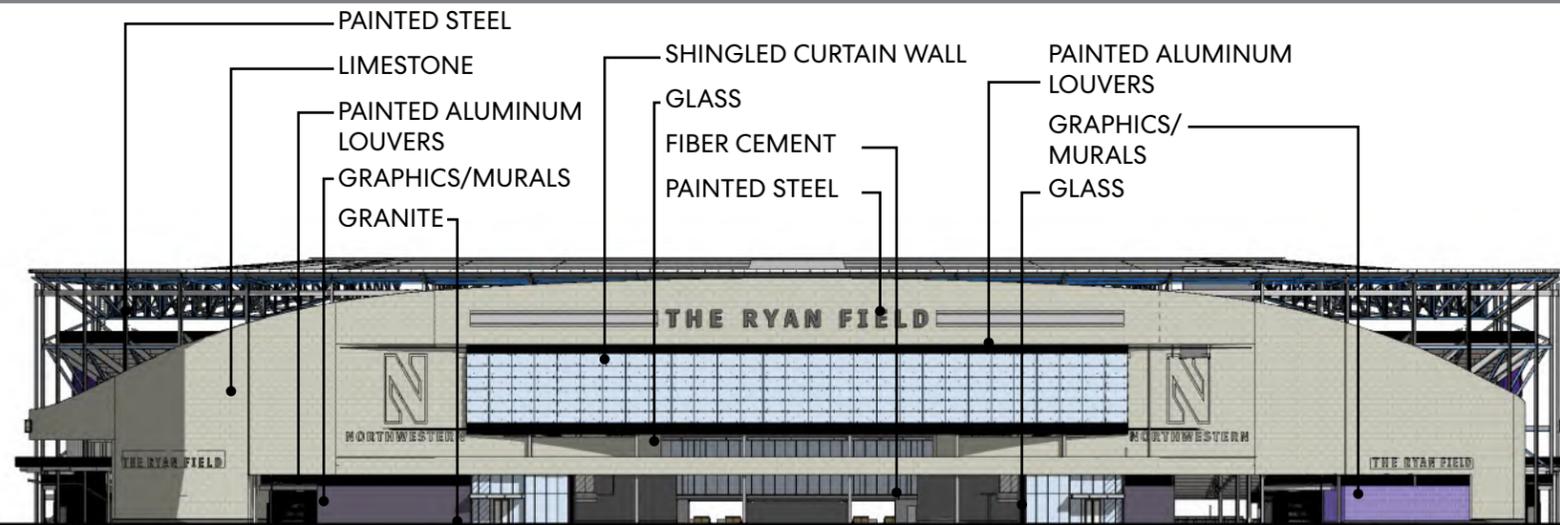
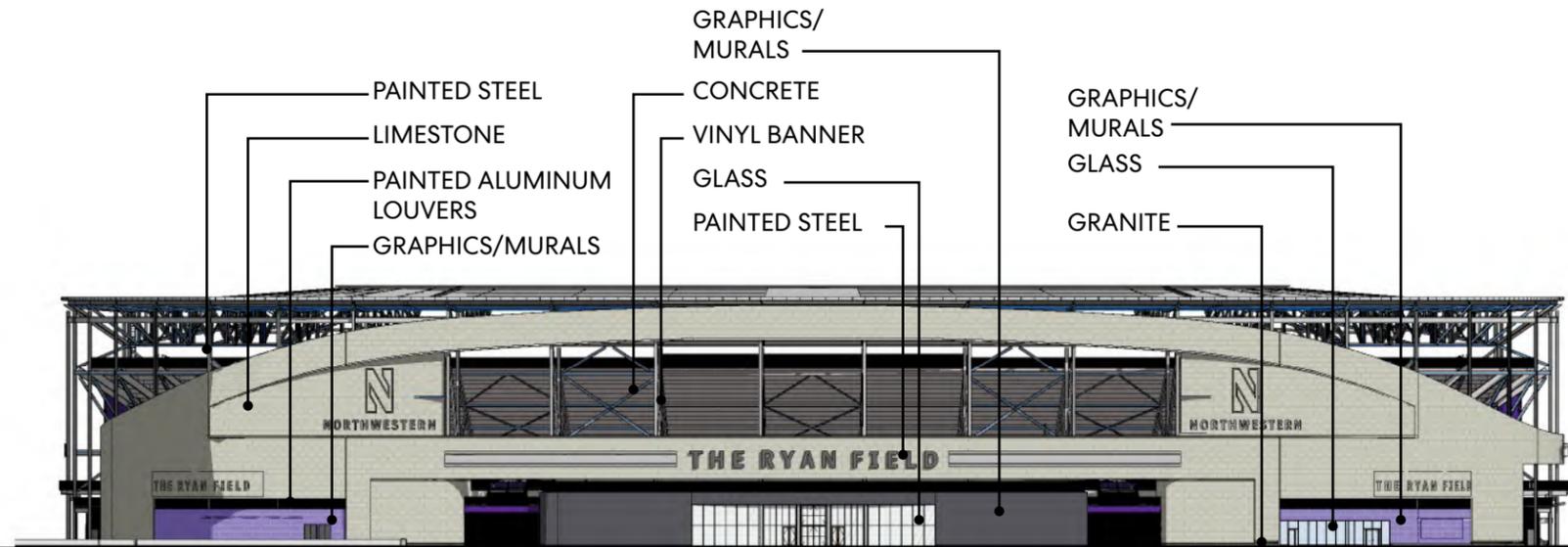


SITE SECTION - NORTH/SOUTH



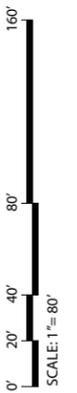
SITE SECTION - EAST/WEST

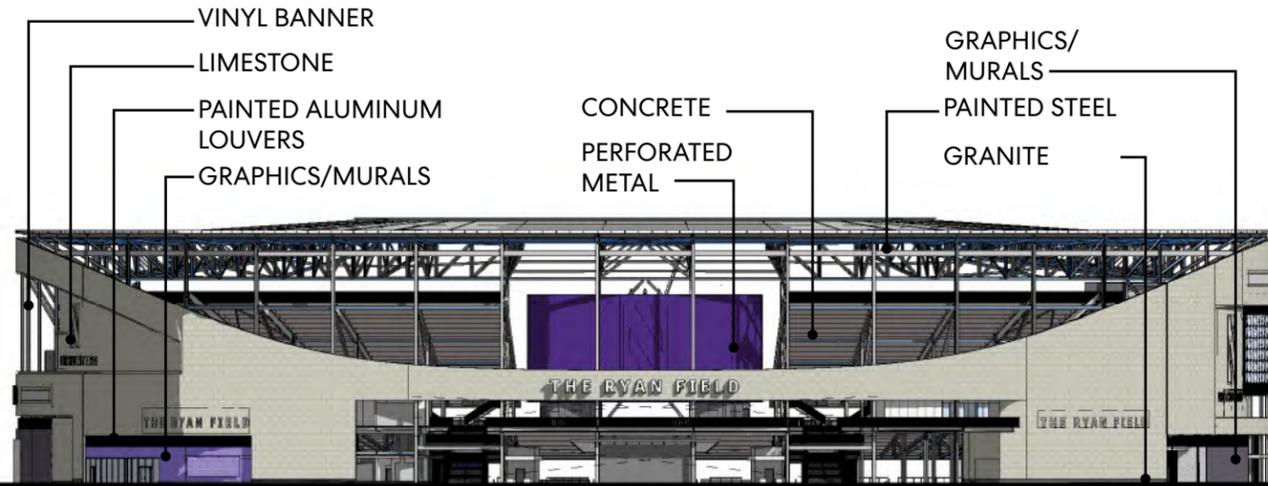




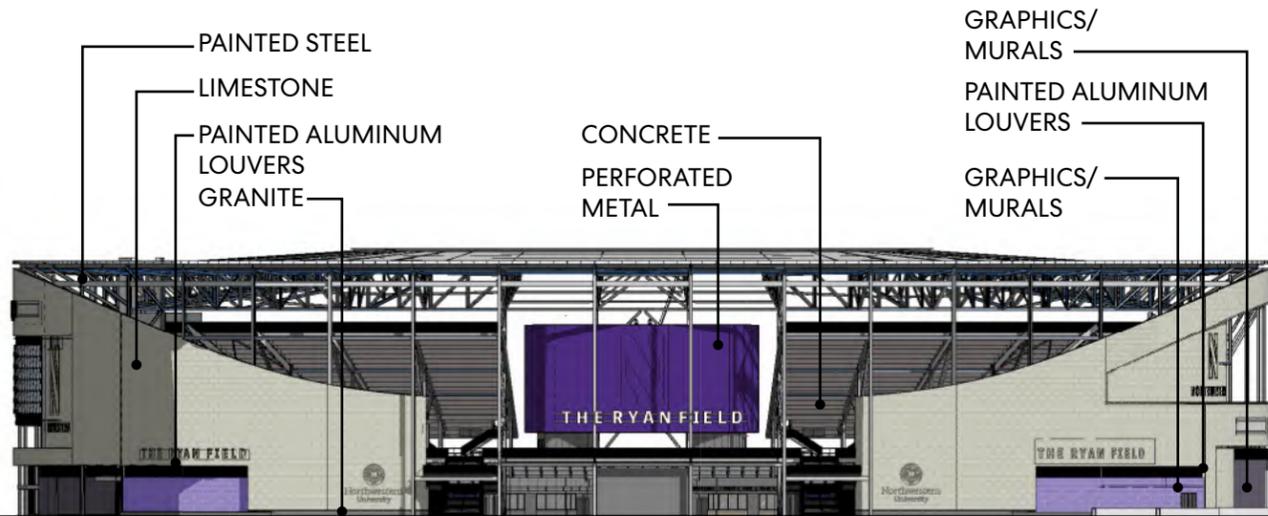
ELEVATION - EAST

ELEVATION - WEST



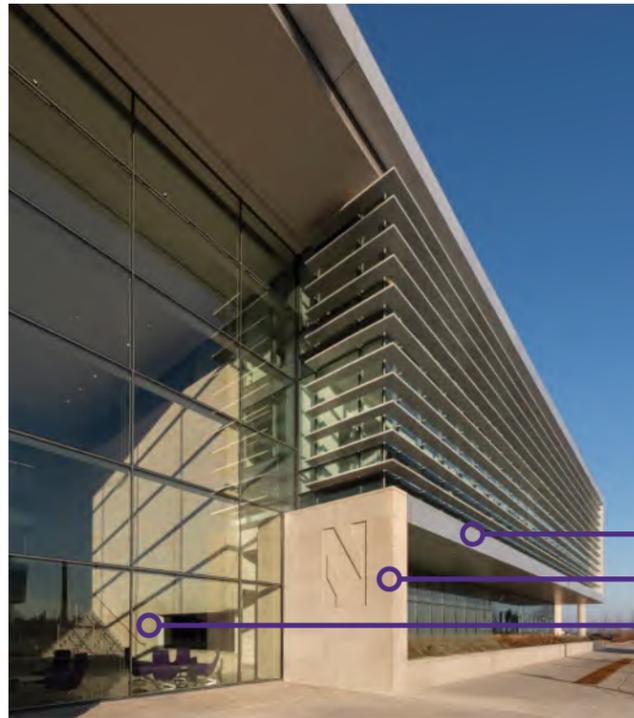


ELEVATION - NORTH



ELEVATION - SOUTH



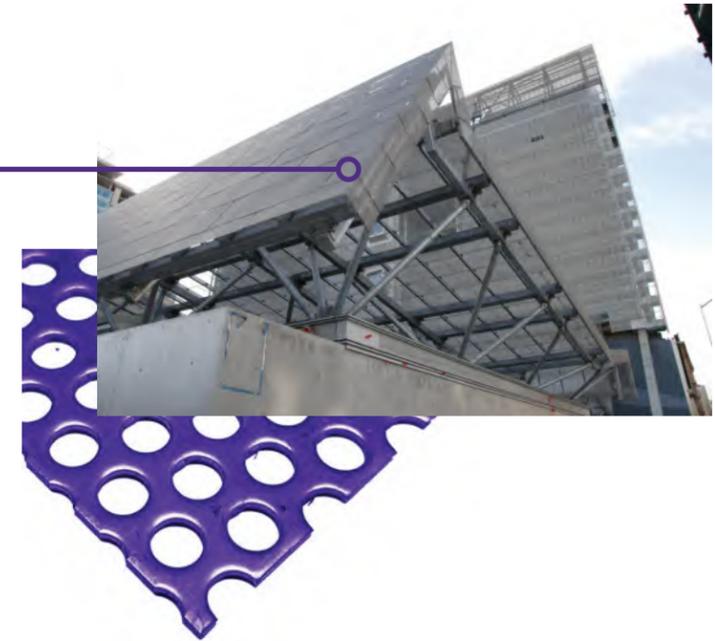


**RYAN FIELDHOUSE/WALTER ATHLETICS CENTER
SOUTH FACADE**
Northwestern University - Evanston, IL

- PAINTED METAL
- LIMESTONE
- GLASS



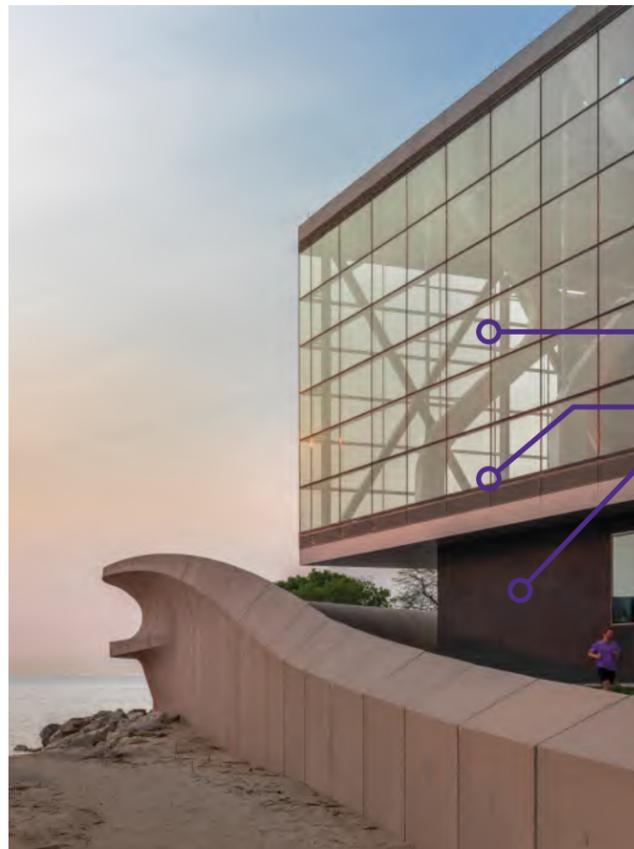
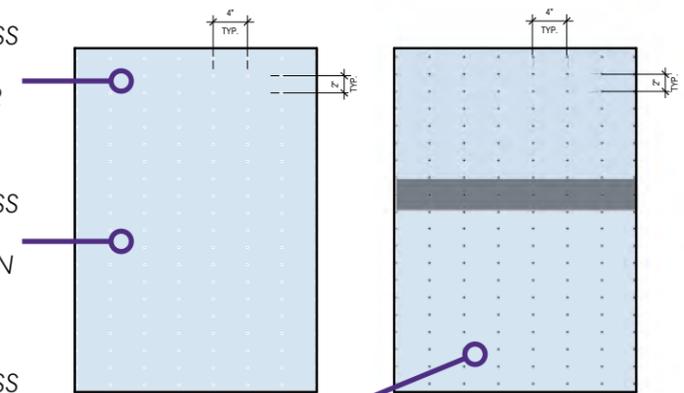
- PERFORATED METAL
- CONCRETE
- GRAPHICS/MURALS
- VINYL BANNER



GLASS-1: INSULATED LOW-IRON VISION GLASS W/ FRIT PATTERN AND LOW-E COATING ON #2

GLASS-1B: INSULATED LOW-IRON VISION GLASS AND LOW-E COATING ON #2; NO FRIT PATTERN

GLASS-2: LAMINATED LOW-IRON VISION GLASS W/ FRIT PATTERN AND LOW-E COATING ON #2

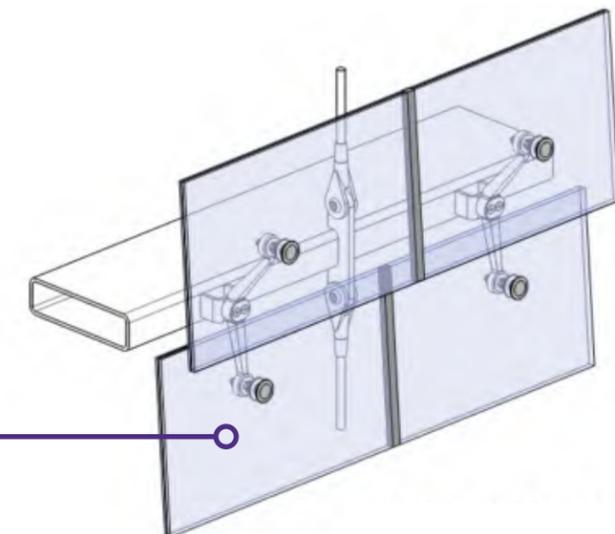


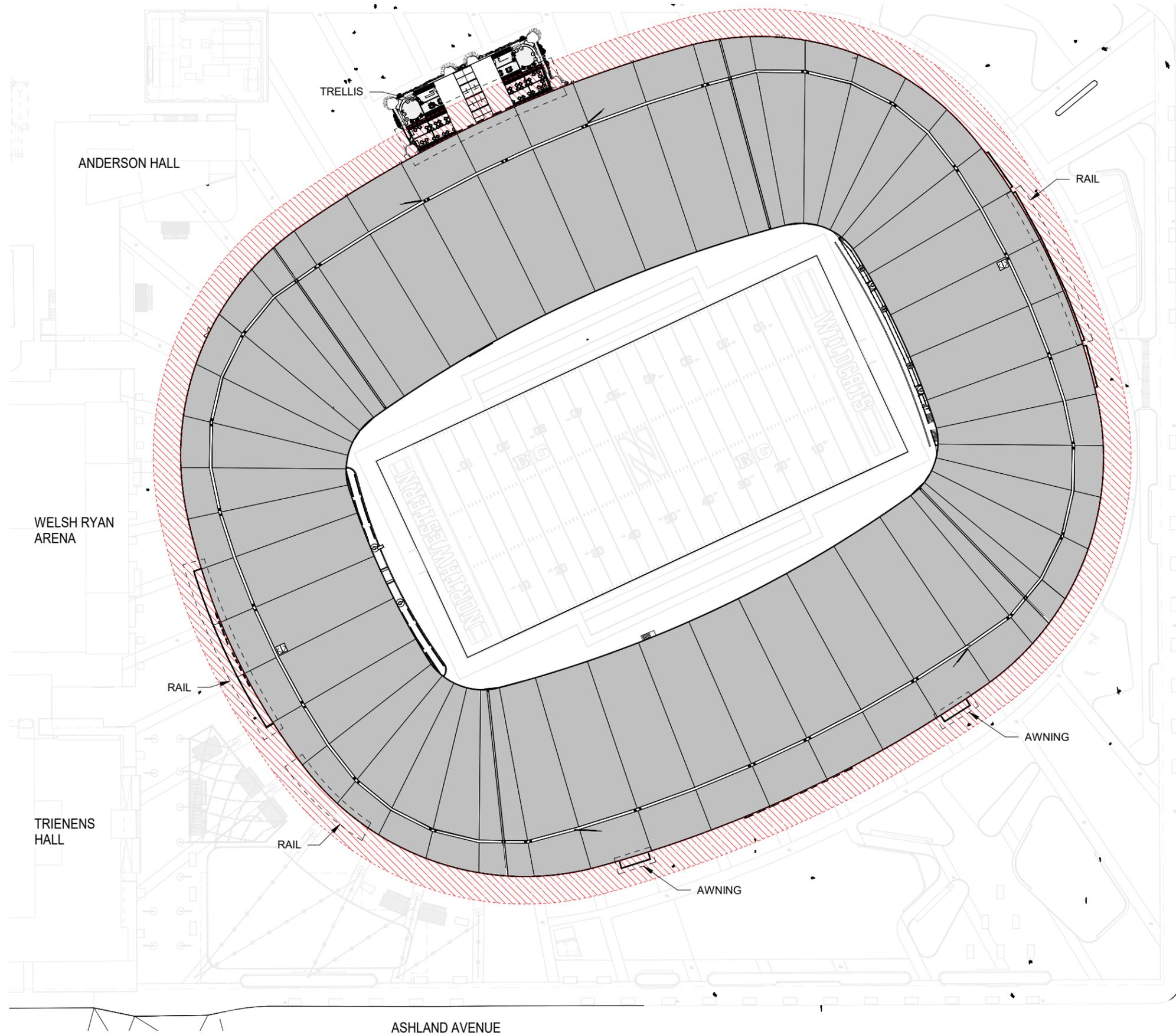
**RYAN FIELDHOUSE/WALTER ATHLETICS CENTER
NORTH FACADE**
Northwestern University - Evanston, IL

- GLASS
- PAINTED ALUMINUM LOUVERS
- GRANITE



- PAINTED STEEL - IRON MOUNTAIN
- GRANITE
- BURNISHED BLOCK
- TPO ROOFING
- FIBER CEMENT
- SHINGLED CURTAIN WALL





LEGEND

-  20' ZONE FROM FACADE
-  BUILDING ELEMENTS PROTRUDING INTO 20' ZONE

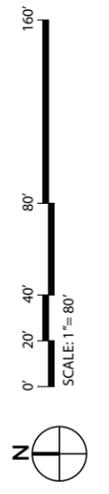


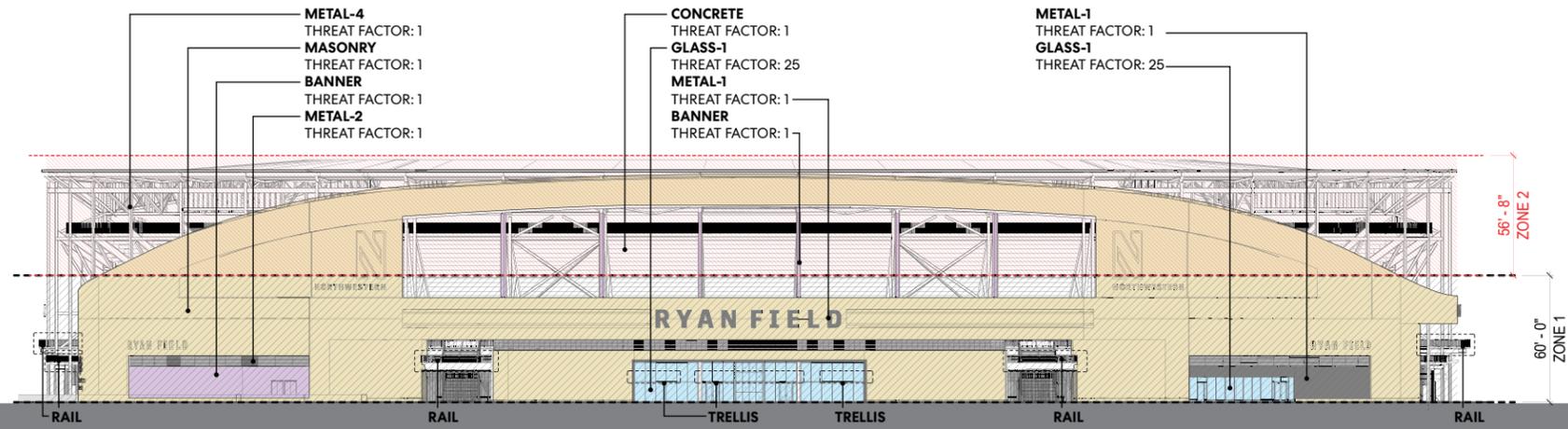
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BIRD FRIENDLY BUILDING DESIGN - SITE PLAN

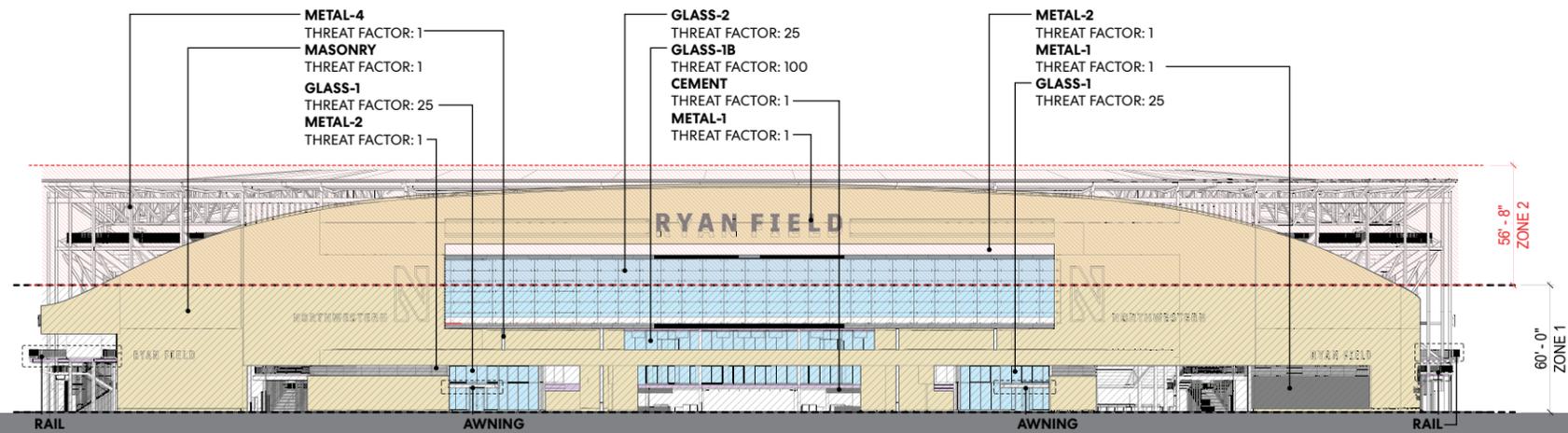
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DP-08

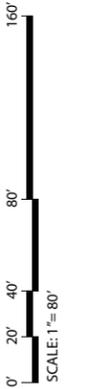


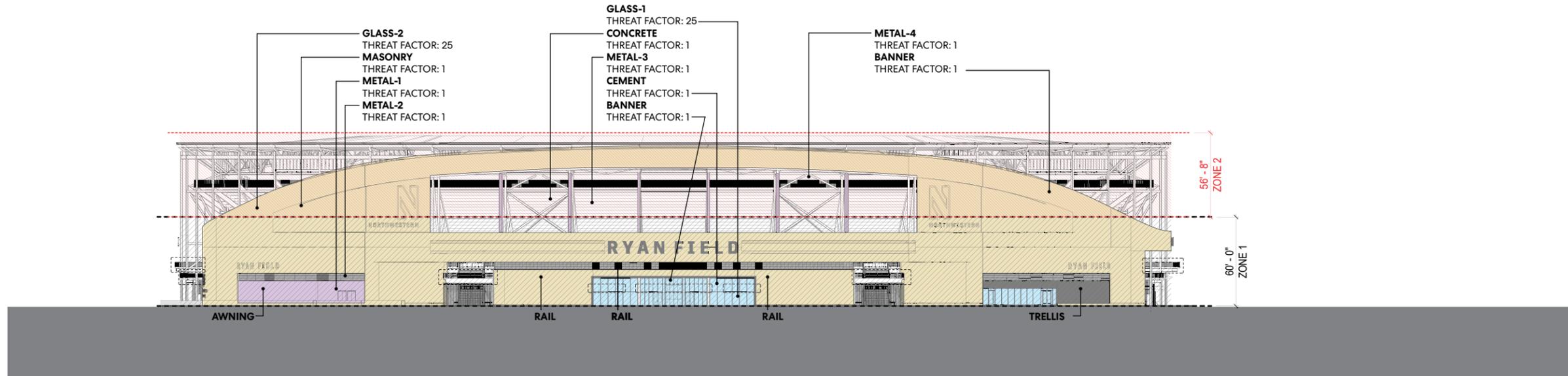


ELEVATION - EAST

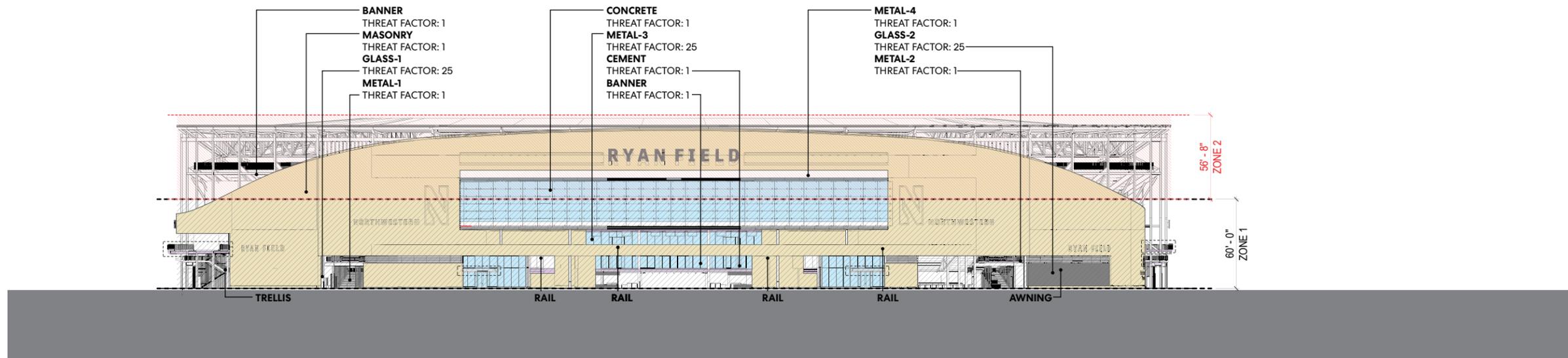


ELEVATION - WEST

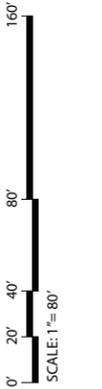




ELEVATION - NORTH



ELEVATION - SOUTH



BCTR: HIGH RISK FEATURES			
FEATURE LABEL	FEATURE LOCATION	FEATURE MATERIAL TYPE	MTF (Material Threat Factor)
AWNING	West Entry Awnings	Steel, painted, ASTM-4 Finish	1
RAIL	Balcony Railings	Steel, painted, ASTM-4 Finish	1
TRELLIS	Trellis Canopy Structure at East	Wood Finish, non-polished	1

BCTR: ZONE 2 MEDIUM RISK				
ZONE 2 LABEL	ZONE 2 MATERIAL TYPE	ZONE 2 MTF (Material Threat Factor)	ZONE 2 FACADE AREA (SF)	ZONE 2 FACADE FACTOR (MTF x area)
MASONRY	Limestone, Granite and painted CMU	1	29650	29650
GL-2	Shingled Curtain Wall with 1/4" dot pattern frit	25	4142	103550
GL-1	Balanced Insulated Low-Iron, Low E-Vision Glass, 1/4" dot pattern frit	25	0	0
GL-1B	Balanced Insulated Low-Iron, Low E-Vision Glass, no pattern	100	0	0
SIGNAGE	Painted Steel, ASTM-4 finish	1	280	280
MTL-1	Painted Aluminum, ASTM-4 finish	1	0	0
LVR-1	Painted Aluminum Louvers, ASTM-2D finish	1	1483	1483
MTL-2	Perforated Metal, ASTM-4 finish	1	5100	5100
STRUCTURE	Structural Steel, painted, ASTM-4 finish	1	6366	6366
BANNER	Vinyl Graphic Installation	1	843	843
CONCRETE	Seating bowl masonry, concrete	1	15650	15650
CEMENT	Fiber Cemenet Panels	1	0	0
		TOTAL FACADE AREA (FA) ZONE 2	63514	162922
		BCTR ZONE 2	TOTAL FACADE FACTOR/ TOTAL FACADE AREA	2.57
				ZONE 2 BCTR MUST BE <30 BFBD COMPLIANT

BCTR: ZONE 1 HIGH RISK				
ZONE 1 LABEL	ZONE 1 MATERIAL TYPE	ZONE 1 MTF (Material Threat Factor)	ZONE 1 FACADE AREA (SF)	ZONE 1 FACADE FACTOR (MTF x area)
MASONRY	Limestone, Granite and painted CMU	1	48330	48330
GL-2	Shingled Curtain Wall with 1/4" dot pattern frit	25	4360	109000
GL-1	Balanced Insulated Low-Iron, Low E-Vision Glass, 1/4" dot pattern frit	25	4357	108925
GL-1B	Balanced Insulated Low-Iron, Low E-Vision Glass, no pattern	100	2356	235600
SIGNAGE	Painted Steel, ASTM-4 finish	1	280	280
MTL-1	Painted Aluminum, ASTM-4 finish	1	1898	1898
LVR-1	Painted Aluminum Louvers, ASTM-2D finish	1	4120	4120
MTL-2	Perforated Metal, ASTM-4 finish	1	3882	3882
STRUCTURE	Structural Steel, painted, ASTM-4 finish	1	3373	3373
BANNER	Vinyl Graphic Installation	1	3716	3716
CONCRETE	Seating bowl masonry, concrete	1	6790	6790
CEMENT	Fiber Cement Panels	1	2216	2216
		TOTAL FACADE AREA (FA) ZONE 1	85678	528130
		BCTR ZONE 1	TOTAL FACADE FACTOR/ TOTAL FACADE AREA	6.17
				ZONE 1 BCTR MUST BE <15 BFBD COMPLIANT

